

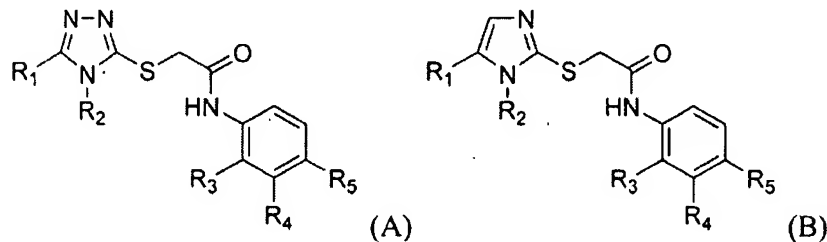
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application. The following amendments do not constitute an admission regarding the patentability of the amended subject matter and should not be so construed. Applicants reserve the right to pursue the subject matter of the cancelled claims in this or any other appropriate patent application.

Complete Listing of Claims:

1-21. (Canceled)

22. (Withdrawn) A method of treating an HIV infected patient comprising administering to the patient a pharmaceutical composition comprising a compound in a dose effective to reduce viral propagation wherein the compound has a structure according to Formula (A) or Formula (B)



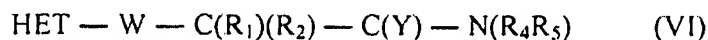
wherein R_1 is optionally substituted lower alkyl, halogen, or CF_3 ,

R_2 is optionally substituted cycloalkyl, optionally substituted aryl, optionally substituted quinoline, or optionally substituted isoquinoline; and

R_3 , R_4 , and R_5 are independently hydrogen, halogen, optionally substituted alkyl, S-alkyl, CF_3 , heterocycle, $NR'R''$, $S(O)_2R'$, or $C(O)R'$, and wherein R' and R'' are independently NH_2 , $NHAlkyl$, $NHAcyl$, $NAlkylAcyl$, $N(Alkyl)_2$, O-alkyl, acyl, aryl, alkyl, heterocycle, or R' and R'' form a ring.

23-42. (Canceled)

43. (Currently Amended) A compound having a structure according to Formula (VI)



wherein HET is a disubstituted 1,2,4-triazole or a disubstituted imidazole, wherein at least one substituent of the 1,2,4-triazole or imidazole is a substituted aryl that is covalently bound to a nitrogen of the 1,2,4-triazole or imidazole; selected from the group consisting of a monosubstituted naphthyl, a disubstituted naphthyl, a trisubstituted naphthyl, a monosubstituted quinoline, a disubstituted quinoline, a trisubstituted quinoline, a monosubstituted isoquinoline, a disubstituted isoquinoline, and a trisubstituted isoquinoline;

W is O, S, S(O), S(O)₂, NH, NR₁ or CH₂;

R₁ and R₂ are independently hydrogen, lower alkyl, lower alkenyl, lower alkynyl, halogen, OH, SH, NH₂, N₃, O-alkyl, or CH₂OH;

Y is O, S, or NR₃, wherein R₃ is hydrogen, lower alkyl, lower alkenyl, lower alkynyl, or hydroxy, O-alkyl, or CH₂OH;

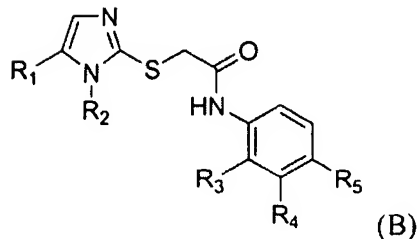
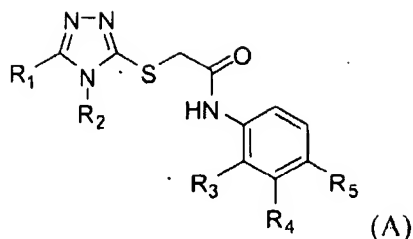
R₄ is hydrogen, lower alkyl, lower alkenyl, or lower alkynyl; and

R₅ is an ortho-substituted phenyl, which is optionally further substituted,
or a pharmacologically acceptable salt thereof.

44. (Currently Amended) The compound of claim 43 wherein R₁, R₂, and R₄ are hydrogen, and wherein one substituent of the 1,2,4-triazole or imidazole is an optionally substituted lower alkyl or halogen and the other substituent is a substituted aryl that is covalently bound to a nitrogen of the 1,2,4-triazole or imidazole; selected from the group consisting of a monosubstituted naphthyl, a disubstituted naphthyl, a trisubstituted naphthyl, a monosubstituted quinoline, a disubstituted quinoline, a trisubstituted quinoline, a monosubstituted isoquinoline, a disubstituted isoquinoline, and a trisubstituted isoquinoline.

45. (Original) The compound of claim 44 wherein Y is O.

46. (Currently Amended) A compound having a structure according to Formula (A) or (B)



wherein R_1 is optionally substituted lower alkyl, or halogen,

R_2 is selected from the group consisting of ~~a monosubstituted phenyl, a disubstituted phenyl, a trisubstituted phenyl,~~ a monosubstituted naphthyl, a disubstituted naphthyl, a trisubstituted naphthyl, a monosubstituted quinoline, a disubstituted quinoline, a trisubstituted quinoline, a monosubstituted isoquinoline, a disubstituted isoquinoline, and a trisubstituted isoquinoline; and

R_3 , R_4 , and R_5 are independently hydrogen, halogen, optionally substituted alkyl, S-alkyl, CF_3 , heterocycle, $NR'R''$, $S(O)_2R'$, or $C(O)R'$, and wherein R' and R'' are independently NH_2 , $NHAlkyl$, $NHAcyl$, $NAlkylAcyl$, $N(Alkyl)_2$, O-alkyl, acyl, aryl, alkyl, heterocycle, or R' and R'' form a ring,

or a pharmacologically acceptable salt thereof.

47. (Canceled)

48. (Original) The compound of claim 46 wherein the at least one of the substituents of the substituted aryl is an optionally substituted lower alkyl, CF_3 , a lower alkoxy, a halogen, or $NR'R''$, wherein R' and R'' is H or lower alkyl.

49. (Previously Presented) The compound of claim 48, wherein at least one of R_4 and R_5 is not hydrogen.

50. (Previously Presented) The compound of claim 43, wherein the substituent of the substituted aryl or the ortho-substituted phenyl is hydroxyl, thiol, alkylthiol, halogen, alkoxy, amino, amido, nitro, carboxyl, cycloalkyl, heterocycle, cycloheteroalkyl, acyl, carboxyl, aryl, aryloxy, heteroaryl, arylalkyl, heteroarylalkyl, alkyl, alkenyl, alkynyl, or cyano.

51. (Previously Presented) The compound of claim 43, wherein the ortho-substituted phenyl is further substituted with hydroxyl, thiol, alkylthiol, halogen, alkoxy, amino, amido, nitro, carboxyl, cycloalkyl, heterocycle, cycloheteroalkyl, acyl, carboxyl, aryl, aryloxy, heteroaryl, arylalkyl, heteroarylalkyl, alkyl, alkenyl, alkynyl, or cyano.

52. (Currently Amended) ~~The A compound of claim 43,~~ having the following chemical structure

